

Serial No. 10/552,037
Office Action dated 8/20/10
Reply dated 12/20/10

PATENT
PD030036
CUSTOMER NO.: 24498

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Amendments to the Specification

- On page 5, lines 10 -13, please amend the phrase as follows:

"The method comprises requesting the pick-up to read more data from a data stream when the remaining amount of buffered data relating to said data stream is below a threshold 52"

- On page 10, beginning on line 20, please amend the phrase as follows:

"When reaching a threshold T, [...] the buffer may send a refill request 52"

- On page 2, beginning on line 9, please amend the phrase as follows:

"jumping to the other requested streams and reading them 53"

- On page 2, beginning on line 2; please amend the phrase as follows:

"the data streams ... must be separately buffered after reading 54"

- On page 20, beginning on line 8, please amend the phrase as follows:

"The optimization of the start-up procedure 51 according to the invention consists of two improvements ... The first improvement concerns the amount of buffer to fill during start-up. When the free running scheduler receives a start up command, it is not loading the OOM stream buffers completely ... it fills only a part of the OOM stream buffers ... the scheduler at start-up fills the OOM stream buffers for the audio or subtitle first, and then fills the OOM video stream buffer. Further, it needs to load only the base buffer b_i and the bridge buffer Δb_i for all but the last OOM stream. Also the OOM stream buffer refill requests are set for all but the last OOM stream buffer. Then the last stream buffer may be loaded completely"

- On page 2, beginning on line 7, please amend the phrase as follows:

"additional stream buffers 61, 62, 63 serve to bridge the times that are needed for jumping to the other requested streams and reading them. A typical example comprises three streams: video, audio and subtitles. E.g. the video buffer is dimensioned such that jumping to the audio stream, loading of the audio buffer, jumping to the subtitle stream, loading of the subtitle buffer and jumping back to the video stream can be executed without the video buffer running empty."

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- On page 4, beginning on line 2, please amend the phrase as follows:

“When the three streams for video, audio and subtitle are read, the buffers 62, 63 of the lower rated streams audio and subtitle are enlarged in such a way that the video buffer 61 can be filled multiple times before the re-filling of audio and subtitle buffers becomes necessary”

- On page 9, beginning on line 17, please amend the phrase as follows:

“every OOM stream has its own buffer 61, 62, 63”

- On page 9, beginning on line 14, please amend the phrase as follows:

“scheduler model ... could be a free running scheduler 64”

- On page 10, beginning on line 21, please amend the phrase as follows:

“buffer may send a refill request to the scheduler 64, and the scheduler 64 queues the request”